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VIII. *A Catalogue of Shells, &c. gathered at the Island of Ascension, by Mr. James Cuninghame Chirurgion, with what Plants he there Observed; Communicated to Mr. James Petiver Apothecary, and Fellow, of the Royal Society.*

I Intend to range the following *Shells*, according to the accurate *Method* of that most *Sagacious Naturalist* and *Expert Physitian* *Dr. Martyn Lister*, in his *Elaborate* and *curious Historia sive Methodus Conchyliorum*, and shall therefore begin with,

1. *Buccinum parvum brevè asperum.*

This comes next of Kin to that which *Dr. Lister* kept alive in his *Garden* a whole *Summer* or more, which was brought him from *Jamacia*, by that *Industrious Promoter of Natural knowledge* *Dr. Hans Sloan*, and very nearly Resembles, if not the same, as *Dr. Lister* himself asserts, with that variety which he has Figured in his excellent *Historia Conchyliorum* Lib. 1. below *List. Hist. Num. 28.* without a name; it being less, the Nodes *Conch. l. 1. Fig. 28.* sharper, and not Umbilicated.

2. *Pecten ex rubro alboque fasciatus, nodis inflatis striatus. an ? P. ruber striis circiter 10 nodosis, sive bulbatis & inequalibus donatus, List. Hist. Conch. l. 3. 11st H Conch. lib-3. Fig 24.* 2.

3. *Ostrea rupestris sulcata, capite cavo.* 3.

4. *Spondylus fere ruber muricatus* *List. H. C. l. 3.* 4.
Fig. 40.

These are also found on the *Barbadoes Shore*, yet rarely in Pairs and entire, the only one I have yet observed, is in the incomparable *Museum* of that most

Cori.

Curious Preserver of both *Natural* and *Artificial Rarities*, and my *Worthy Friend*, *Mr. William Charlton* in the *Middle Temple*.

5. *Pectunculus albus, parvus, striatus & fasciatus.*

6. *Pectunculus albus compressus, rugis faciatu. an. ?*

List. H. C. l. 3. F. 119. *P. orbicularis planior rugosus* *List. H. C. l. 3. Fig. 119.*

7. *Pectunculus triquetrus albus, striatus, undis rufescentibus.*

List. H. C. l. 3. F. 153. *Box. p. 111.* *Fig. 94.* The 94th. Figure in the 2^d. Class of *Bonannus* his *Shells*, exactly Resembles this, it is also next of Kin to Dr. *Listers* *Jamaica one*, figured in his *Hist. Conch. l. 3. pag. 153.*

8. *Musculus arcuatus major, sulcis profundier striatus. an. ? M. angustior crassioribus striis donatus, undatim depictus,* *List. H. C. l. 3. Fig. 209.*

9. *Musculus triquetrus albus minor cancellatus.*

List. H. C. l. 3. Fig. 69. This is much larger then the *Garnsey Shell*, which Dr. *Lister* has Figured in his *Hist. C. l. 3. Fig. 69.* otherwise very like it, and therefore it may rather be that above it, Figured in the same Page, under *Num. 67.* without a Name.

10. *Balanus compressus albus, 6 fissuris, sulcatus.*

11. *Patella foraminosa minor, striis ex albo rubroq; alternis.*

12. *Vermiculus, circumflexus albicans, supernè striatus.*

Box. p. 92. Fig. 20. Lit. B. This seems very much to Resemble that which *Philippus Bonannus* in his *Recreatio Mentis & Oculi* hath Figured under *Num. 20.* *Lit. B.* of his *First Class*, pag. 92.

13. *Nerita bidens faciliis sulcatis, ex albedine nigroq; striata, clavicula productiore.*

List. H. C. l. 4. Sect. 6. Fig. 1. This may be one of those Figured in the 1st. Chapter, *Listeri* *Hist. Conch. lib. 4. Sect. 6. De Neritis dentatis*, claviculâ paululum prominente, but the distinctions of some

some of them are so nice, that I dare not yet be positive which of them it certainly is.

14. Concha. Venerea media Castanei coloris, utroq; capite bimaculato.

15. Buccinum Persicum parvum, striatum, fuscum, ore trimaculato.

16. Buccinum dentatum leve subrufum, fasciis intersectis sive maculatis depictum, List. H. C. l. 4. Sect. II. Fig. 41.

This Shell was 1 Inch $\frac{1}{4}$ long and near $\frac{1}{4}$ thick, it's ground pale Brown, fasciated with darker spots, often separated by lighter, cross the Middle of the upper Whorl is a Remarkable pale List, beset with Arrow-headed Brown Marks : The Mouth is Canulated along the left Lip ; the Middle of the other side is smooth, the top somewhat Warted, but at the lower part which is near the Middle of the Shell is one very conspicuous Ridge, attended underneath with a smaller, by these a dead Shell may be easily known.

I have Received these also from Barbadoes, as hath Place. Dr. Lister from Jamaica.

Buccinum bilingue majus, tenue, ex rufo nebulatum Muricatum List. H. C. l. 4. S. 12. Fig. 17.

List. Hist. C. l. 4. S. 12.

A very fair Shell of the same, but much less, was gathered on the Island of Flores in the East-Indies by

Fig. 17.

Place.

Mr. Rowleston Jacobs.

Buccinum rostratum facis elatis ore crispo.

This seems to be Figured in Dr. Lister, his Hist. Conch. l. 4. S. 14. under Numb. 36. without a Name.

18.
List. H. C. l. 4.
S. 14. Fig. 36

Buccinum nodis ornatum, costis iisdem alatis, ore crispo & aspero.

19.

Dr. Lister has Figured Three or Four of this Species in his Fourth Book, 14th. Section at Num. 38. &c.

20. Dr. Grew his lesser *Persian Wilk*, with furrowed Lips. *Mus : Reg. Soc.* 127. Tab. 9. Fig. *Dors.* and *Ventr.*

Buccinum recurvirostrum ventricosum, labro pulvinato, variegatum striatum, magnis preterea sulcis ad claviculam donatum List. *H. C.* 1.4. S. 15. Fig. *D.* 57.

Turbo auritus Muricatus Bonan, pag. 132. Fig. *D. & V.*

This Author says, the French call this Shell the *Purse*, because there is joyn'd to it's long and narrow Mouth, (one of whose Lips is tooth'd, the other notched) a Glolar puff, like a full Bag, or *Purse*.

- N. B. The *Figures* in all these Authors have reverse Postures, and must therefore be viewed on the back side of the Paper, holding it between the Eye and the Light, and then you see it in it's Natural position.

To the *Shells* we add

Our small Warted *Barbadoes* Sea Egg.

21. *Echinus Ovarius* Barbad. verrucis plurimis minoribus
Mus. Petiver Mus. Petiver. 123.

123. The *Spines* of these are *Purplish*, especially the *Tips*, the largest I have yet seen, exceed not a *Crow-quill* in thickness, and are scarce an Inch long; they end pointed, and are finely striated if strictly viewed. The naked Shell of this was somewhat more than six Inches in Circumference, and about 5 *Broadways* and $5\frac{1}{2}$ *Lengthways*.

We come now to the Vegetables, &c. Viz.

22. *Chamælyce frutescens elatior floribus comosis.*

This chiefly differs from the *East* and *West-India* sorts of this Species, in having all it's *Flowers* at the top only, and those in Clusters, something Resembling our *Laurustinus*

Chamæsyce frutescens humilior floribus comosis.

23.

The *Flowers* and *Seeds* of this grow like the last in Clusters, at the top of each Sprig only, the *Leaves* grow also in pairs, but much closer together; this is more Branched, and seems Shrubby, the Stalks being Woody; yet the *Sprigs* much shorter, many of them not more than 1 Inch and $\frac{1}{2}$ from the Woody Stalk; and yet plentifully in *Flower*.

Indian Forked Leav'd Sea Bindweed.

24.

Soldanella Malabarica cordato folio Mus. Petiver. 98.

Mus. Petiver.

Convolvus maritimus majore folio Chinensis Pluk.

98. Pluk.

Tab. 24. Fig. 5. Marinus Catharticus folio rotundo,

405. Pluk. 24. f.

Plum. p. 89. Fig. 104.

Plum. 89. f. 1

Though I have often times seen the *Leaves* of these whole, at the point; yet they are generally found *Forked*, and sometimes very large.

C. 69. Fig.—

Ed. 2. p. 258.

F. Mame. 51.

Pl. 3. F. 89.

PL. Mal. V. 11.

Tab. 57. pag.

117.

SL. Jam. 57.

H. 2. Alm.

Bot. 1 & 4 Pl.

112.

Ray H. 726.

Pl. 14.

25.

Ketmia fetida flore lateo fundo purpureo.

The *Leaves* of this, are somewhat like our *Black-poplar*, they are often Notched, but not jagged like the common kind of *Shrub Mallows*, which grows in most *Gardens* with us; of which this seems a true Species, *Viz.* Of the *Alcea Arborescens glabra Ketmia dicta*, I B. V. 2. l. 23. p. 957. Whose name I follow to distinguish it from the *Althea's* and *Aleca's*, amongst whom it has hitherto been falsely plac'd, they having *naked Seed*, and this a *Capsule*.

Festuca Junceis foliis, spica minus sparsa, aristis trifidis. an ?

26.

Gramen Avenaceum panicula minus sparsa, cujus singula grana 3 aristas longissimas habent

SL. Jam. 35.

Pl. 5.

35. pl. 5.

The *Roots* are all *Fibres*, whitish and unbrancht, the *Leaves* long and narrow like small *Rushes*, the *Spike* very much Resembles our *Capons tail Grass*, which grows with us pretty common on the *Brick-walls* about *London*; but what in this is most Remarkable is, that each

Description.

gluma or *busk*, terminates in three Awns, two of which are even, the other somewhat longer.

Platb.

This same Grats Mr. *George Stonestreet* brought me some time since from this same *Island*. Dr. *Sloan* hath also observed one very like it near the *City of Funchal* in the *Isle of Maderas*.

These are all the *Plants* except *Purslain*, which this *inquisitive Person* could find at this *Island*, What he else observed is as follows, *Viz.*

27. *Corallium album minus Conglomeratum.*

This seems a Congeries or Cluster of our small *White English Coral* Clung together, and which is often Crusted over with the same substance.

28. *Spongia globosa reticulata Coralloides.*

This grows very like our common *Branched Coraline Moss*, and exactly Resembles Mr. *Doodys* *Pseudospon-*

Ray Syn. Ed. 2. pag. 346. *gia Coralloides*, *Ray's Synops. Edit. 2d. pag. 346.* but this gives way as other *Sponges*, whereas his is brittle.

This I found in the hollow of a dead *Echinus*, brought from *Ascention*.

29. *Terra Spongiosa nigricans, Carbonibus exustis per- similis.*

This is what several parts of the *Earth* is covered with, and in many Places it lies in Heaps, it's very light and porous, exactly Resembling a *Cinder* or *Burnt-Coal*.

30. *Glareola Maritima Perlata.*

Instead of fine *Sand*, the Shoar here is Stored with this sort of *Gritt* or small *Gravel*, a great part of which is smooth and shining like *Millet Seed* or *Pearl*.